

ABSTRACT OF THE DISCLOSURE

An improved clip or clamp is provided having a one-piece wire-form construction that is suited for rapid and repeatable manufacture. The clamp, which may be disposable or reusable, includes a first jaw portion, a second jaw portion, a first handle portion, a second handle portion and a central coil or tensioning device, all of which are formed from a single piece of wire. The central coil or tensioning device comprises one or more turns. The handle portions may include ring-shaped distal ends that further enhance grip. The jaw portions may be shaped, curved, bent or otherwise configured to provide access to specific areas of a procedure. The clamp may be coated with a material providing improved traction and padding. In a method of the invention, a single wire is wound at least one turn forming the central coil and two extensions. A first extension of the wire is formed into the first jaw portion by bending back on itself, the first extension is then returned to the central coil where it is formed to rest upon an outer surface of the central coil. The bent first extension, which now extends rearward in a direction opposite to the direction of the first jaw portion, is then bent again forming the first handle portion. A second extension is similarly bent to form the second jaw portion and the second handle portion. The single-wire construction of the clamp may be achieved through programmed wire forming. In another aspect of the invention, a plurality of clamps may be placed upon a traction rod made from a metal or plastic material to align two or more stump portions of a severed vessel or tissue for reconnection or anastomosis.